

# Climb the **Construction** Career Ladder



- Work in a career field that offers variety
- Work while you go to school
- Take pride in the things you have built
- Let the world see what you are capable of



**Department of Workforce Services**  
Workforce Development and Information Division

# Construction

## Sample Career Ladders

### **Profile:** Todd Grandstaff, AS

#### **Present Position:**

Electrical Dept. Manager/ Project Manager  
CTI Inc., Ogden, Utah



#### **Education:**

AS - Electrical Technology  
Salt Lake Community College

#### **Future Goals:**

Continue to gain knowledge and start own business

" After spending time as an Avionics Technician in the Navy, I decided to pursue a career as an electrician. I began as an apprentice and started running my own projects in my 4th year. I then became a journeyman, then a Master Electrician and now train apprentices. I firmly believe that you never settle for what you have, always realize that there is more out there and pursue it!"

#### **Construction Manager**

Occupation

Avg. entry wage per hour: \$20.90

Required Training: Bachelor's degree

#### **1st Line Supervisor/Manager of Construction Trades and Extraction Workers**

Occupation

Avg. entry wage per hour: \$16.10

Required Training: Associates or Bachelor's degree  
Licensure

#### **Electrician**

Occupation

Avg. entry wage per hour: \$8.70

Required Training: Licensure

#### **Operating Engineer/Other Construction Equipment Operator**

Occupation

Avg. entry wage per hour: \$12.20

Required Training: Certification

#### **Helpers - Electrician**

Occupation

Avg. entry wage per hour: \$6.90

Required Training: On-the-Job Training

#### **Cost Estimator**

Occupation

Avg. entry wage per hour: \$15.80

Required Training: Bachelor's degree

#### **PREREQUISITE SKILLS:**

High School Diploma/GED  
Ability to read a measuring tape  
Ability and willingness to work in inclement weather  
Work Readiness Skills  
Background check/drug screen  
Transportation

For Construction job descriptions and training information, go to: [jobs.utah.gov/careers/construction](https://jobs.utah.gov/careers/construction)

# Build your own Construction Career Ladder



**Picture yourself here!**

Occupation \_\_\_\_\_

Average entry wage per hour: \$ \_\_\_\_\_

Required training/experience: \_\_\_\_\_

Target completion date: \_\_\_\_\_

Training institution: \_\_\_\_\_

Funding: \_\_\_\_\_

Occupation \_\_\_\_\_

Average entry wage per hour: \$ \_\_\_\_\_

Required training/experience: \_\_\_\_\_

Target completion date: \_\_\_\_\_

Training institution: \_\_\_\_\_

Funding: \_\_\_\_\_

Occupation \_\_\_\_\_

Average entry wage per hour: \$ \_\_\_\_\_

Required training/experience: \_\_\_\_\_

Target completion date: \_\_\_\_\_

Training institution: \_\_\_\_\_

Funding: \_\_\_\_\_

Occupation \_\_\_\_\_

Average entry wage per hour: \$ \_\_\_\_\_

Required training/experience: \_\_\_\_\_

Target completion date: \_\_\_\_\_

Training institution: \_\_\_\_\_

Funding: \_\_\_\_\_

**NOTES:**

# Construction Career Ladder

Department of Workforce Services, Workforce Information. Updated August 2005.

For more information, go to: <http://www.jobs.utah.gov/careers/construction/>

Bachelor's Degree (traditionally requires four years)	Hourly wage: Entry	Average	2002-2012 Outlook*	Training level
<input type="checkbox"/> General and Operations Managers	\$17.80	\$35.70	★★★★★	Bachelor's Degree + experience
<input type="checkbox"/> Financial Managers	14.90	28.90	★★★★★	Bachelor's Degree + experience
<input type="checkbox"/> Construction Managers	20.90	29.00	★★★★★	Bachelor's Degree
<input type="checkbox"/> Cost Estimators	15.80	22.60	★★★★★	Bachelor's Degree
<input type="checkbox"/> Accountants and Auditors	15.90	22.30	★★★	Bachelor's Degree
<input type="checkbox"/> Employment, Recruitment, and Placement Specialists	13.10	19.40	★★★	Bachelor's Degree

High School/GED + training	Hourly wage: Entry	Average	2002-2012 Outlook*	Training level
<input type="checkbox"/> Welders, Cutters, Solderers, and Brazers	\$10.70	\$14.00	★★★★	Vocational
<input type="checkbox"/> Bus and Truck Mechanics and Diesel Engine Specialists	13.50	17.90	★★★★	Vocational
<input type="checkbox"/> Mobile Heavy Equipment Mechanics, Except Engines	13.80	18.40	★★★	Vocational

On-the-Job Training / Certification	Hourly wage: Entry	Average	2002-2012 Outlook*	Training time
<input type="checkbox"/> First-Line Supervisors/Managers of Construction Trades/Extraction Workers	\$16.10	21.90	★★★★★	Related Experience
<input type="checkbox"/> First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	15.40	22.70	★★★★★	Related Experience
<input type="checkbox"/> Electricians	8.70	16.20	★★★★★	More than 1 year
<input type="checkbox"/> Carpenters	11.10	15.60	★★★★★	More than 1 year
<input type="checkbox"/> Maintenance and Repair Workers, General	9.00	14.00	★★★★★	More than 1 year
<input type="checkbox"/> Plumbers, Pipefitters, and Steamfitters	13.30	19.80	★★★★★	More than 1 year
<input type="checkbox"/> Heating, Air Conditioning, and Refrigeration Mechanics	12.20	17.10	★★★★★	More than 1 year
<input type="checkbox"/> Plasterers and Stucco Masons	10.90	15.40	★★★★★	More than 1 year
<input type="checkbox"/> Brickmasons and Blockmasons	15.30	20.30	★★★★★	More than 1 year
<input type="checkbox"/> Electrical Power-Line Installers and Repairers	14.70	24.70	★★★★★	More than 1 year
<input type="checkbox"/> Telecommunications Line Installers and Repairers	7.90	13.60	★★★★★	More than 1 year
<input type="checkbox"/> Tile and Marble Setters	11.90	17.30	★★★★★	More than 1 year
<input type="checkbox"/> Truck Drivers, Heavy and Tractor-Trailer	12.40	16.20	★★★★★	1 month to 1 year
<input type="checkbox"/> Sales Reps, Wholesale and Manufacturing, Exc. Tech/Scientific Products	14.00	21.90	★★★★★	1 month to 1 year
<input type="checkbox"/> Executive Secretaries and Administrative Assistants	11.90	15.40	★★★★★	1 month to 1 year
<input type="checkbox"/> Sales Reps, Wholesale and Manufacturing, Tech/Scientific Products	17.00	27.00	★★★★★	1 month to 1 year
<input type="checkbox"/> Operating Engineers and Other Construction Equipment Operators	12.20	16.00	★★★★★	1 month to 1 year
<input type="checkbox"/> Sheet Metal Workers	10.90	18.60	★★★★★	1 month to 1 year
<input type="checkbox"/> Drywall and Ceiling Tile Installers	9.50	12.70	★★★★★	1 month to 1 year
<input type="checkbox"/> Tapers	9.60	15.70	★★★★★	1 month to 1 year

On-the-Job Training / Certification (Updated Jan. '05)	Hourly wage: Entry	Average	2002-2012 Outlook*	Training time
<input type="checkbox"/> Cement Masons and Concrete Finishers	9.20	18.70	★★★★	More than 1 year
<input type="checkbox"/> Glaziers	12.10	16.80	★★★★	More than 1 year
<input type="checkbox"/> Structural Iron and Steel Workers	10.50	17.00	★★★★	More than 1 year
<input type="checkbox"/> Bookkeeping, Accounting, and Auditing Clerks	8.80	12.50	★★★★	1 month to 1 year
<input type="checkbox"/> Painters, Construction and Maintenance	9.80	13.80	★★★★	1 month to 1 year
<input type="checkbox"/> Roofers	8.50	13.30	★★★★	1 month to 1 year
<input type="checkbox"/> Pipelayers	9.60	13.30	★★★★	1 month to 1 year
<input type="checkbox"/> Highway Maintenance Workers	12.20	16.60	★★★★	1 month to 1 year
<input type="checkbox"/> Paving, Surfacing, and Tamping Equipment Operators	13.20	13.30	★★★★	1 month to 1 year
<input type="checkbox"/> Payroll and Timekeeping Clerks	10.50	14.30	★★★★	Less than 1 month
<input type="checkbox"/> Cabinetmakers and Bench Carpenters	\$8.80	11.60	★★★	More than 1 year
<input type="checkbox"/> Boilermakers	16.80	22.00	★★★	More than 1 year
<input type="checkbox"/> Secretaries, Except Legal, Medical, and Executive	8.80	11.90	★★★	1 month to 1 year
<input type="checkbox"/> Construction Laborers	8.50	11.40	★★★	1 month to 1 year
<input type="checkbox"/> Crane and Tower Operators	15.20	19.20	★★★	1 month to 1 year
<input type="checkbox"/> Office Clerks, General	7.30	10.50	★★★	Less than 1 month
<input type="checkbox"/> Receptionists and Information Clerks	7.50	9.70	★★★	Less than 1 month
<input type="checkbox"/> Truck Drivers, Light or Delivery Services	8.20	13.00	★★★	Less than 1 month
<input type="checkbox"/> Helpers -- Installation, Maintenance, and Repair Workers	7.60	11.40	★★★	Less than 1 month
<input type="checkbox"/> Helpers -- Electricians	8.80	12.00	★★★	Less than 1 month
<input type="checkbox"/> Crushing/Grinding/Polishing Machine Setters, Operators and Tenders	10.50	15.50	★★	1 month to 1 year
<input type="checkbox"/> Laborers and Freight, Stock, and Material Movers, Hand	7.20	10.30	★★	Less than 1 month
<input type="checkbox"/> Landscaping and Groundskeeping Workers	7.20	9.70	★★	Less than 1 month
<input type="checkbox"/> Helpers -- Carpenters	7.20	9.20	★★	Less than 1 month
<input type="checkbox"/> Helpers -- Painters, Paperhangers, Plasterers, and Stucco Masons	7.70	9.60	★★	Less than 1 month
<input type="checkbox"/> Fence Erectors	9.70	11.60	★	1 month to 1 year
<input type="checkbox"/> Helpers -- Pipelayers, Plumbers, Pipefitters, and Steamfitters	8.10	10.90	★	Less than 1 year
<input type="checkbox"/> Helpers -- Roofers	7.60	9.40	★	Less than 1 year

\*For more information on the "star" rating system, please go to: <http://www.jobs.utah.gov/wi/pubs/adultcareerguide/topfivestarjobs.pdf>